

Title (en)

DOUBLE SEAL VALVE PIN TIP WITH VENT

Title (de)

DOPPELT GEDICHTETE VENTILNADELSPITZE MIT ENTLÜFTUNG

Title (fr)

POINTE DE TIGE DE SOUPAPE À DOUBLE JOINT POURVUE D'UN ÉVENT

Publication

**EP 3562642 B1 20200715 (EN)**

Application

**EP 18724068 A 20180425**

Priority

- US 201762490078 P 20170426
- US 2018029338 W 20180425

Abstract (en)

[origin: WO2018200660A1] An assembly (200) for routing an injection fluid (23) to a mold cavity (80) comprising: a distal nozzle tip (210) comprising a distal projection (220), a mold (310a, 310b) having a cavity entrance aperture (300) having an inner circumferential surface (300ics), the distal nozzle tip (210) being mounted such that the distal projection (220) is disposed in a stationary position wherein an outer circumferential surface (220ocs) is disposed adjacent the inner circumferential surface (300ics) forming a gap (Z) having a width sufficient to enable air or gas to flow upstream (AU1) through the gap (Z) upon downstream movement (D) of the distal end (90de) of the valve pin (90) through the central bore (230) of the distal projection (220).

IPC 8 full level

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CPC (source: EP)

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